



## ABSTRACT

Process for the treatment of dust- and oxygen-containing exhaust gases which contain sulfur oxides and nitrogen oxides which comprises treating said gases in a reactor at temperatures in the range of 200° to 500° C and in the presence of a catalyst having free opening surfaces of more than 50% and passages with a hydraulic diameter of more than 2 mm and one or more substances selected from the group consisting of free oxides, carbonates, hydroxides of calcium, magnesium, sodium and potassium and at a Froude number in the range of 1 to 100.